

Sun's rays provide sufficient energy for a large percentage of the heating and cooling in this 1000square foot traveling solar laboratory. The lab is sponsored by ERDA and Honeywell.

## Solar Lab On The Road

The Transportable Solar Laboratory, which is providing information on the effectiveness of the sun's use as an energy source for heating and cooling homes and buildings, may be visited by the public in Mineola daily from noon to 6 p.m., August 12 to August 22. Group visits may be arranged at other hours.

A joint project of ERDA and Honeywell, the mobile lab will be stationed in the parking lot of the Nassau County Social Services Building, on County Seat Drive off Old Country Road.

The traveling lab has been on the road for two years and has been visited by thousands of people in more than 50 cities. According to Neil C. Sher, director of Honeywell's Energy Resource Center, "the first two years of visiting cities in all regions of the country have demonstrated that solar energy is feasible and is a viable supple-

mentary energy source to coal, oil and natural gas."

The laboratory consists of two vans. One houses the solar cooling and heating equipment, a control and data center and a complete weather station. Two different experimental air-conditioning systems are built in, along with a conventional hot water heating system. Sixty-four flat plate collectors are the heart of the solar energy collection system. These collectors are contained in large arrays, one mounted on the side of the van, and the other on the top.

The second van represents a building to be cooled or heated and supplied with hot water by sun power. It also contains displays that describe the principles of solar conversion for use in briefing visitors.

Brookhaven is cooperating in making arrangements for the solar lab's tour in this area with the New York State Energy Research and Development Authority and the Bureau of Energy Resources of Nassau County.

# African Student Finds BNL A Friendly Place

If you go to the BNL tennis courts at 6:00 a.m. most mornings, you may meet Kale Oyedeji. He may be an apprentice at the game of tennis, but he is a "master of science."

Later in the morning he can be found in the Physics Department where he is working for the summer with Professor Joseph Johnson on a fluids mechanics research project continued from the past semester at Rutgers.

Oyedeji came to the United States from Nigeria in 1972 to do graduate work in physics. After earning a master of science degree from Fisk University, he began his study towards a doctorate at Rutgers Uni-

Travels through the United States and different college campuses have led Oyedeji to a variety of experiences. He points to Brookhaven as a highlight in human relations and community life in this country.

"The atmosphere here is nice: people are straightforward," he said. "I feel I'm among people I can call friends... and I haven't had that feeling much before."

Oyedeji was also surprised by the way the Laboratory people responded to his name, which is pronounced Ká-lee O-yeádedge-eé. Most people give up trying to pronounce his name when they see it. This is an important point to Oyedeji.

"Many people I've met don't call me by my name," he observed, "but on my arrival at BNL, the first secretary I met already knew it. It's really not hard if you don't get scared when you see it and just give it a try."

He explained that much of his positive feelings for Brookhaven are related to the international flavor of the Laboratory. "I enjoy the feeling of mixing with foreigners and making no distinctions," said Oyedeji. "Meeting foreigners is part of the society here. It's really no big deal."

Helpfulness was another quality of the BNL community that Oyedeji appreciated. "In big places you don't find that kind of



Kale Oyedeji

attention," said Oyedeji. "People here are ready to give you their help and that is very impressive to me."

Oyedeji's background spans two continents and eras. Born in Ogbonoso, Nigeria, he bears the traditional identification marks on his face. The slashes are made by incision at the time of circumcision in infancy according to tribal custom.

His parents also bear the marks of the Oyedeji family, but his younger siblings do not. The family gave up the custom after their first son, Kale, was born. Kale Oyedeji no longer has any tribal ties. His parents, who are in the clothing business, sent him to a primary school run by the Nigerian Baptist Convention. Later, he attended a high school run by the U.S. Southern Baptist Convention in Jos, Nigeria.

Because of his early Baptist upbringing, Oyedeji is interested in one particular U.S. political candidate - Jimmy Carter. "Jimmy, too, is a Southern Baptist," he says.

While working on an undergraduate degree in Applied and Theoretical Mathe-(Continued on page 2)

## How It Is In Sweden

In Sweden if you buy a new car weighing approximately 4,500 pounds, you must also be prepared to pay a \$1,200 tax, and a yearly use tax of \$150. As taxes are based on weight, it is an incentive to keep your car small.

Smaller cars are just one of the reasons Sweden consumes some 40% less energy per capita than the United States, according to a comparative analysis conducted by Andres Doernberg of the Technology Assessment Group in DAS. The analysis was requested by ERDA, and Sweden was chosen because its high standard of living compared favorably with that of the United States.

Automobile efficiency alone accounts for 13% of the difference in energy consumption between the two countries. The smaller cars average 22 miles to the gallon, compared to our 13.5 mpg. There is also a whopping 60¢ per gallon tax on gasoline. Swedes travel by railway, bus and bicycle more than we do here, but indications are that private automobile travel has jumped considerably in the last 20 years. Nevertheless, the greater fuel efficiency and the heavy taxes on big cars make a dramatic difference in energy savings.

Hydropower generates 75% of the electricity in Sweden. It is the only domestic resource for energy. Three percent of Sweden's power is nuclear, and the balance is produced primarily from imported oil. There is no natural gas.

Living in a country whose electric production is subject to drought, has made Swedes well aware that their power cannot be squandered so they develop good energy conserving habits early in life. A scarcity of firewood in the 14th century produced their first "energy policy." "When the resources are small, there is an incentive to be frugal," says Doernberg.

Sweden's winters are similar to North Dakota's. Because of the cold, houses are well insulated. Double paned windows are the norm and triple paned windows are being considered. They do not need air conditioning in the summer.

A surprising statistic is that one out of seven Swedish families has a second home, while the ratio in the U.S. is one in 38. A Swede might live in an apartment as his permanent residence and bicycle to work, but he will own a car and drive out to his second home in the country on the weekend. Under this arrangement, less energy is consumed than a family living in a single dwelling unit year-round and driving to work.

A unique feature of Sweden's energy system, that is not in evidence anywhere in the U.S., is the use of waste heat from power plants. "One city of 100,000 gets all its heat from waste heat from a power plant," says Doernberg. The hot water from the plants is brought into houses by underground pipelines.

Vacations play a part in energy consumption: one-third of the population travels outside Sweden each year, while Ameri-

## Lancaster Honored by NSF

John H. Lancaster, Assistant Director of Brookhaven's sister lab, the National Radio Astronomy Observatory, has received the National Science Foundation's "Meritorious Service Award." This is the first time in the history of the NSF that this award has been presented to anyone outside the staff of the Foundation.

Lancaster, a staff member at Brookhaven for nearly 20 years, was Deputy Division Head in the Accelerator Department when he transferred to NRAO in October 1972 to oversee the construction of the Very Large Array in New Mexico.

Dr. H. Guyford Stever, Director of the National Science Foundation, presented the award last month in recognition of Lancaster's "dedicated and efficient service to the Foundation as Project Manager for the Very Large Array Project." He pointed out that Lancaster has ably and successfully directed the procurement and installation of major equipment and facilities and has been notably successful in acquiring quality equipment at lowest cost, with great savings to the government.

cans vacation more in their own country. Doernberg's analysis also indicates that more attention should be paid to the energy embodied in import and export goods in order to have a true comparison of the energy consumption patterns of the two countries. For instance, there is a good match between what is produced in the U.S. and what is consumed here. In Sweden, large quantities of paper, autos, and steel, which require a lot of energy to produce are exported. On the other hand, few products which require large amounts of energy to produce are primarily imported.

To achieve a 40 percent reduction in total energy consumed in the U.S. by the year 2,000 (a year chosen for illustrative purposes), the analysis points to "extensive improvements in end use device efficiencies in households, industry and transportation; cutbacks in heating and cooling, usage of small automobiles, widespread carpooling, and a moderate shift to more efficient travel modes," adding up to a total energy reduction of 30%. "Beyond this point," the report continues, "conservation strategies impact not only life-style but the economic structure, the balance of payments, food



Andres Doernberg

consumption and so on, and suggest a necessary shift in urban densities to those prevailing today in European countries."

Doernberg, who has been at the Laboratory for two years and has a background in engineering and in urban and policy sciences, is now concentrating on conservation studies. He recently presented his paper at a workshop on energy extension services at the University of California at Berkeley. The workshop has been set up by ERDA and other agencies to formulate programs on how best to reach the consumer on efficient use of energy, a concept similar to that in operation for years under the agricultural extension services.

Although it is not clear how to directly apply Sweden's energy consumption pattern to the U.S. because of the greater population, varied climate, and lesser government regulation here, it is felt that some insight can be gained from these studies in developing relevant energy conservation strategies. The next country that Doernberg will study is Japan.

### **Back To School**

The Upton Nursery School will resume classes on September 8. If you have not yet enrolled your three or four-year old, do so now. Children of Laboratory employees, whether residing on-site or off, are eligible.

The children attend a school two or three mornings a week and participate in a varied program which includes art, music, outdoor activities and field trips.

The classes are small and four professional teachers assisted by parents make sure the children receive individual attention.

The parental cooperation in running the school keeps tuition low. Fees are \$24 per month for two mornings per week, and \$35 per month for three mornings per week.

To enroll your child, or to receive further information, call Sharon Paschos, 928-4270.

### "Boogie Down Y'all"





Chip Thien and the Spindrifters Blues Band.



Dance lessons - City Walk.

The Hospitality Committee and the Affirmative Action Office provided a special DISCO Night recently for the summer students. Refreshments, good music and dance lessons added up to a very lively evening. Particular thanks are due to the Spindrifters Blues Band who volunteered their services. Getting it all together for the students were Ginny Thien and Pat McKenzie-Wilson, chairwomen of the Hospitality Committee and Renee Flack of the Affirmative Action Office. Regular DISCO sessions are held every Thursday evening and will continue until August 26.



Refreshments, flowers and good company.



Bus Stop.

### **Nigerian Student**

(Continued)

matics from the University of Ibadan in Nigeria, Oyedeji visited friends in the United States. On this trip he discovered the difference between the American system of higher education and the Nigerian system, which reflects the colonial influence of England.

"In the Nigerian system of education, if you want to major in a subject, you stick with it throughout," said Oyedeji. He explained that the system is rigid and does not allow for a liberal background education as found in the United States.

He came to do graduate work in this country for a change of pace. Oyedeji, in his early thirties, is preparing for another change this fall. Next year he transfers to Clark University for his final two years of study. There he will continue to support himself through a graduate teaching assistantship.

Though enjoying his stay at Brookhaven, he wants to return to Nigeria as soon as his doctoral thesis is accepted. His family awaits his return there.

"I am obligated by strong family ties to my parents, who helped educate me to this level," Oyedeji explained. "It's my duty to go back and help my three brothers and two sisters reach an educational level where they can stand on their own feet. One sister is now studying at a teacher's college in Nigeria."

Oyedeji had been studying nuclear physics, but decided to change to the solid-state in nuclear physics," he explained.

Oyedeji had been studying nuclear physics, but decided to change to the solid-state field. "The Third World doesn't have money for the fanciful equipment needed in nuclear physics," he explained.

Nigeria presently has 13 universities, but they are planning an expansion to include an institution in each of the 19 states. When he returns to Nigeria, Oyedeji would like to teach in one of these state-owned schools, like the University of Ibadan where he studied. —Clifford Cockerham

## **Rifle/Pistol Club**

The trap range is completed and in full operation. Practice shoots are held every Monday evening, weather permitting, at 5:15 p.m. All members are invited. Contact L. Chimienti, A. Tingle or J. Zahra for details.

## EMERGENCIES

Police - Medical Fire - Radiation 2 2 2 2

## August Service Awards

The following employees will receive service awards during the month of August.

### Twenty-Five Years

Alfred Celentano	Medical
Patrick J. Hicks	Plant Engrg.
Pasquale Lettieri	Supply & Materiel
John E. Plonski	

### Twenty Years

Joshua K. Kopp	Physics
Lois C. Norman Applied	Science
Richard W. Rothe	Physics
Eugene V. Weinstock Applied	Science

### Ten Years

John R. Aggus	Mechanical Engrg.
William C. Barthold	Plant Engrg.
Bernard F. Brehm, Jr	Plant Engrg.
Muriel F. Caldwell	Fiscal
William E. Dunne	Central Shops
Leigh D. Hawkins	Accelerator
Richard S. Horwitz	Applied Math.
	Admin. Sys. & Data Proc.
	Accelerator
John R. Malakie	Central Shops
Herbert Y. Nakatani	Biology
Laurie T. Pollard	Central Shops
Augustus Prince	Applied Science
Richard M. Weiss	Plant Engrg.
Charles R. Wilson	Accelerator

## Tune In!

#419

The events recently taking place in the softball league have both surprised and saddened me. I have been at the Lab for over seven years and participated as a player for the Charlie Brown team for the same number.

Lately, there has been a problem whereas a young lady wished to enter an all male league . . . and apparently very easily did so in spite of the protest by many individuals to the point of the Vice-President resigning and some players refusing to play. Personally, I would enjoy females on a team and had plans to join the mixed league with my wife. Due to changes in what evening we would play the team did not materialize. My point is this . . . I feel men have certain rights to meet and enjoy friendly competition among themselves. I also feel the Lab has provided adequate recreation for women to play softball (mixed league) and that this problem is definitely unfair in that one individual be allowed to alter and disrupt many other individuals due to her own private wishes. Unfortunately, there is no rule against women playing in this league and no one willing/capable of making a stand on this issue. I feel that my letter will solve nothing, but I also feel that it's wrong to sit back and allow what is coming without voicing an opposition.

#### Answer

I am replying to your letter in the absence of Kenneth Batchelor, BERA Board President.

Within the framework of its rules, which state that competitive events are open to all employees and mixed events are open to employees and their spouses, the BERA Board has always sought to encourage active participation in its programs. Participation in competitive events is promoted in the spirit of creating enjoyment and friendship. At the same time, it is recognized that league committees and team captains must attempt to balance rosters in accordance with skill so that a good level of play can be achieved.

In the case you refer to, the player is an employee who wishes to join a team of her co-workers and has the full acceptance of her team captain. On this basis, her participation meets both the letter and the spirit of BERA regulations.

Very truly yours, Joseph S. Washburne, Manager Personnel & Labor Relations

## Arrivals & Departures

#### Arrivals

Thomas J. Dunton	Physics
James A. Hanson	Plant Engrg.
Robert D. Taylor	Applied Science
George A. Zimmer	. Applied Science

### Departures

Margaret E. Arnesen	Medical
Burton Benowitz	Central Shops
Mary G. Franchi	Medical
Patrick J. Hicks	Plant Engrg.
Patricia A. Keller	Medical
Caroline F. Kramer	Medical
Rosemarie Long	Medical
Arthur J. Miley	Staff Services
Henry L. Montville	Plant Engrg.
Coorg R. Prasad	Applied Science
Joyce Vail	Medical
Bella L. White	Medical

### **Continue Your Education**

With the cooperation of SUNY at Stony Brook and the Polytechnic Institute of New York, graduate courses in Applied Mathematics and Nuclear Engineering will again be offered at Brookhaven this fall.

Stony Brook will offer MSA 506 Finite Structures and New York Polytech will give NU 603 Nuclear Engineering Laboratory I and NU 607 Reactor Licensing, Safety and Environment. Stony Brook hopes that it may be able to offer other courses at Brookhaven leading to a master's degree, but these plans are not firm.

The extension courses are available to BNL employees and guests, and to a limited number of persons not affiliated with the Laboratory, who have been admitted to graduate school in the respective universities. Full-time employees of the Laboratory are eligible for tuition refund upon successful completion of the course.

Registration for the SUNY course is at 10 a.m., Wednesday, September 1, Radiation Division seminar room, Bldg. 318. PINY registration is scheduled at the same place on September 8, at 6 p.m.

SUNY is also offering new programs in computer science, actuarial science, environmental engineering and industrial management for students who wish to earn the M.S. degree in evening classes at Stony Brook. Registration is scheduled for August 25-31. Environmental engineering will be offered at both the Stony Brook and Old Westbury campuses. For information, call 246-1055 or 246-5967.

Brookhaven Bulletin August 6, 1976

## O BROOKHAVEN BULLETIN 🚍

Published Weekly for the Employees of Brookhaven National Laboratory

BERNICE PETERSEN, Editor Doug Humphrey, Photo-Journalist CAROL PETRAITIS, Copy Preparation

40 Brookhaven Ave. Upton, N.Y. 11973 Telephone 516 345-2345

CARL R. THIEN, Public Relations Officer

### Letters To The Editor

To The Editor:

I just recently had the privilege of touring BNL. It was a delight. My husband and I have to make another trip to tour the area as once was not enough. I will bring my children along also. I hope you will continue your tours through the winter months and do publicize it, as many people are not aware you are open. It was definitely worth the trip out.

Sincerely, Sheila Hyman Woodmere, N.Y.

## A Tragedy Averted

Fast rescue work saved the life of a 14year old boy last Sunday afternoon at the Brookhaven swimming pool. The youth, a guest of a Lab employee, was pulled unconscious from the pool by Bill Casswell of the Accelerator Department who had been spending the afternoon there with his family. Casswell had been watching the boy and investigated when he thought he might be in trouble. Lifeguard John Anastasi immediately applied mouth-to-mouth resuscitation and continued to do so until the youth began to revive. Laboratory Firefighters Joanne DeLise, George Eleazer, and Ray Archbold who are also emergency medical technicians, immediately responded to the emergency call and accompanied the youth in the BNL ambulance to Brookhaven Memorial Hospital. DeLise, the Duty Emergency Medical Technician, assisted by Eleazer, continued resuscitation and other emergency techniques in the ambulance, and Archbold drove.

Thanks to this quick and effective teamwork, the boy is now in stable condition and is recuperating.

## Rambling Around

These are bits and pieces picked up from here and there with occasional observations by the Editor.

- Nature magazine has a contest which some employees might like to enter. It is offering  $\mathcal{L}10$  for the best one-sentence slogan (preferably tongue in cheek) for your (or anyone else's) laboratory, business or university. The closing date for entries is August 31 and they should be sent to Competition 8, Nature Magazine, 4 Little Essex St., London WC2R 3LF, England.
- Take one class of elementary school youngsters, mix them thoroughly with several pounds of unfamiliar scientific facts, then shake them up with an examination. Here are some reactions to a recent quiz:

"Formula is the language that scientists speak."

"The word for trinitrotoluene has been changed to TNT so people that read it can get started running earlier."

"Science can help teach us how tomorrow happens."

"Atoms are what holds everything together. Atoms are a small but important

"A vibration is a motion that cannot make up its mind which way it wants to

"Scientists have now invented watches that can run on either standard or daylight

"There are some things about electricity we are still not sure of. These things are called whats.'

"Sound would not be all that important to study if it were not for our ears."

"Every time I think how electricity and other things about science help us live, I have joy feels all over."

-Excerpted from an article by Steven Elliott and reprinted from Inside AIP.

## **BERA Concert Group Presents Brilliant Trio**

An interesting and enjoyable evening is in store for Brookhaven concert goers on Tuesday evening, August 17, when the BERA Concert Group will present a concert by soprano Elisabeth Palmedo, pianist David Shapiro, and Peter Hirsch playing french horn. The program will feature works by Schubert, Berlioz, and Britten and will also include the world premier of three compositions especially written for this trio by the American composer Willard Roosevelt. As an interesting note, the trio will present the same program at New York's Carnegie Hall in the fall.

Elisabeth Palmedo is familiar to Brookhaven audiences and has performed extensively on Long Island and in New York City. She has appeared as soloist with the Amato Opera Theater in New York and with the School Program of the Metropolitan Opera Guild as well as in the opera productions of Boris Goldovsky.

David Shapiro was assistant to Thomas Sherman for the Little Orchestra Society and has conducted the opera and symphony in Seoul, Korea. He is pianist and conductor of the Leonia Chamber Players.

Peter Hirsch, a graduate of the Manhattan School of Music, has played with the American Symphony and the Harlem Philharmonic and is currently playing for the third summer with the Goldman Band.

The concert will be held in Berkner Hall at 8:30 p.m. Admission will be \$3.00 for adults and \$1.50 for students and persons



Soprano Elisabeth Palmedo with Willard Roosevelt, composer and grandson of President Theodore Roosevelt. The concert will include a premiere performance of three of Roosevelt's works composed for the trio.

### **Water Carnival**

This year's annual Water Carnival will be held on Thursday, August 19, at 7:00 p.m. in the pool.

Some of this year's events will be a penny fetch, kick-board races, ping-pong and spoon race and a watermelon scrimmage. Prizes will be awarded.

Everyone is welcome to come and have

## **Fun Day At The Pool**

Last Friday the swimming pool abounded with children swimming with paper plates in their mouths and doing crazy dives from the diving board.

Under-10-years-olds were having races swimming across the pool with soggy paper plates in their mouths, while the over-10years-olds were landing haphazardly in the water doing crazy and fancy dives judged by an ample crowd of parents.

### Winners

Paper Plate 4-6

2nd - Rusty Mills

3rd - Daryl Elmore

Paper Plate 7-9 1st - Joe Carew

2nd - Maurisa Holden

3rd - David Polywoda Crazy Dive

1st - Kristen Holden 2nd - Patty Chiveley

3rd - Carol Dawson

Fancy Dive 1st - Andy Aliburger

2nd - Cheryl Zganjaer

3rd - Patty Chiveley

### **Tennis Awards Party**

Invitations for the Tennis Awards Party, to be held on Tuesday, August 24, at 5:30 p.m. in the Recreation Hall, are being sent to all tournament, ladder and clinic participants, and their guests. There will be a charge of \$1.00 per person to cover expenses. Other interested tennis players should contact Tom Luhman, Ext. 3525, or Marge Stoeckel, Ext. 2459.

## **Golf News**

### **Tournament Results**

On July 29th members of the BNL Golf League participated in a Long Island Industrial Recreation Association Tournament at the Huntington Crescent Club. Representing Brookhaven in the Championship flight were Les Lawrence and Ed O'Connell. The social foursome included B. Casey, C. Flood, J. Mayeski and R.

The Championship team lost the best ball competition by 2 strokes. Les Lawrence was brilliant all day especially around the greens, where he would either one putt or chip in. However, Ed O'Connell had a very long day especially in the 15 sand traps he found himself in before the round was over.

All in all it was a great day to play golf and everyone enjoyed it.

### **Up-Coming Tournaments**

An 18-hole tournament will be held on Monday, August 9, at the Riverhead Country Club Golf Course. Tee off will begin at 12:30 p.m. An entry fee of \$2 should be sent to Herman Vargo, Bldg. 515. Prizes will be awarded for low gross, low net, longest drive and closest to the pin.

A single elimination 9-hole match competition will be held for the BGA individual championship. Handicaps will be used, but two (or three) flights will be organized if a sufficient number participate. Matches will be played at a time and place agreeable to the contestants. If you wish to compete send the \$1 entry fee to Tony Baltz, Bldg. 510A, by Friday, August 13.

### International Picnic

On Thursday, August 12, at 5:30 p.m. the Summer Recreation Staff will hold it's annual International Picnic for the parents and children of the on-site morning Recreation Program.

Donation is one or more plates of food from the country of your ancestors. The picnic will be preceded by a parade of international costumes by the children

Don't Forget - Thursday, August 12, 5:30 p.m. Plan to be there!

## Softball

Ed Taylor

#### League I

Ravens 11 (2-0) - Old Timers 7 (1-1)

Leroy James and Mike Losquadro stroked long homeruns as the Ravens outslugged the Old Timers. Harold Bolling, Fred Lawson and Bob Rowley also performed well for the Ravens.

Hawks 8 (1-1) - Blue Jays 5 (0-2)

#### League II

Metallurgy 7 (1-2) - Six Pax 5 (2-1)

The Six Pax scored 4 runs in the 7th inning to make it close. Bob Jones pitched well for Metallurgy.

#### **Bubble Boys 9** (2-1) – **Dirty Sox 8** (1-2)

The Bubble Boys overcame a 7 run deficit, with Bill Sims scoring the winning run in the bottom of the 7th inning for the win.

#### League III

#### Circuits 14 (3-0) – Sweathogs 3 (0-3)

Artie White, who pitched a superb game, was supported by exceptional defense by Joe Mead.

Medical 13 (2-1) – Phoubars 12 (1-2)

Excellent pitching by Bob Garron plus a great team effort led Medical to their second victory in a row.

#### League IV Nuke Powers 29 (1-1) Charlie Browns 6 (0-2)

The Nuke Powers, in a truly team effort, combined superb fielding, hitting and pitching to destroy the absentee-troubled Charlie Browns. Big Herman Vargo led the Nukes at the plate with a grandslam and a 3-run homer, while John Carew, Jim Guppy and George Greene turned in outstanding defensive performances.

#### **Streakers 13** (2-0) – **Power Packers 7** (1-1)

Stanley Mars (4 for 5 with a homerun) led the Streakers to victory. The winners also displayed good fielding in this game.

#### League V

Games postponed due to inclement

### Attention!

The Odd 15 mixed league softball team, which plays on Thursday evenings, is looking for female players. Anyone interested can contact Karen Schaich at Ext. 3623.

### **Hunt For???**

Last Friday, the children's morning Recreation Program held its annual scavenger hunt. After the children were divided into teams, they were sent forth with a list of things to get from many apartment dwel-

They had to find things from a green caterpillar to a pair of purple sneakers, a left-handed monkey wrench, cups of pink steam, watermelon pits and one red-headed parent. After an hour of thorough searching, the team's points were added up, and to the surprise of all, both teams were tied for first place.

This Friday's special is a Halloween party and next Friday is Track and Field

## Cafeteria Menu Week Ending August 13, 1976

#### Monday, August 9 Tomato Vegetable Soup Keilbasy w/Sauerkraut 1.10 Grilled Ham Steak & 1 veg. 1.25 Tuesday, August 10 Cream of Potato Soup Southern Fried Chicken & 1 veg. 1.10 Macaroni & Cheese & 1 veg. 1.00 Wednesday, August 11 Beef Barley Soup Tuna Noodle Casserole 1.10

Special Cup of Soup Tacos & Refried Beans Pie or Ice Cream Small Beverage \$1.68 plus tax

Thursday, August 12	
Chicken Noodle Soup	
Chili Dogs & Rice	1.00
Stuffed Pepper & 1 veg.	1.15
Friday, August 13	
New England Clam Chowder	
Broiled Filet & 1 veg.	1.15
Roast Sirloin of Beef & 1 veg.	1.30

### Classified Advertisements

#### **Placement Notices**

Each week the Personnel Office lists personnel placement requisitions, currently being processed. The purpose of these listings is, first, to give notice of all non-scientific staff positions being filled and, second, to give employees on opportunity to request consideration for themselves through the Personnel Office. In filling vacancies, the Laboratory's objective is to give first consideration to present employees, as follows: employees within the immediate group having the vacancy, employees within the department or division, employees within the Laboratory as a whole.

For further information regarding a placement notice, or to request consideration for an available position, contact Supervisor, Personnel Placement & Development, extension 2874 or 2882.

168. TECHNICAL SPECIALIST - BS degree or equivalent in microbiology. Hospital laboratory experience required. Occasional weekend duty. Medical Dept.

169. SCIENCE ASSOCIATE - BS degree or equivalent in biophysics with some biology or chemistry background. Computer experience desirable. Biology Department.

170. TECHNICAL SPECIALIST - Experience in cytogenetics, optical microscopy and animal tissue culture preparation. Medical Department.

171. COMPUTER OPERATOR - Seeking experience on IBM 360/30 equipment. Shift work. Administrative Systems & Data Processing Division.

172. SECRETARY - Seeking individual with typing and dictaphone experience and knowledge of general office procedures. Director's Office.

#### **Autos & Auto Supplies**

good trans. \$300. Ext. 4452.

WHEEL - {1} Olds mag wheel, 14"x7", \$12; {1} E78-14 tire, decent, \$7; {1} 12 volt battery, good, \$10. Ron, Ext. 2491, 473-5939.

68 DODGE DART - 6 cyl, manual trans, running cond. \$300. Tom, Ext. 4183, 744-5801.

JAWA - 250 cc, good cond, extra parts. \$175. Marie, Ext. 3857

69 CADILLAC - Sedan de Ville. Ext. 3267, 473-2594. 66 FORD MUSTANG - 289 cu in, auto console shift,

73 PLYMOUTH - Scamp, 6 cyl, low mileage, snow tires, excel cond. \$2500. 281-4405 eves.

TRAVEL TRAILER - Sleeps 6, fully equipped, separate bedrm. 878-0222.

67 CHEVELLE - Malibu, It blue, new tires, new muffler, 283 cu in V8, excel running cond & good interior. \$600. Harold Abilock, Ext. 2086, 744-9080 eves.

72 CHEVY - Sport Van #20, 250 engine, 6 cyl, std shift, sky vent, tape deck, 32,000 mi, excel cond. \$2000. 281-6035 eves.

66 MUSTANG - 6 cyl, good for parts, runs but needs some body & motor work. \$150 or best offer. Ext. 3582/3553.

67 SAAB - 2-dr sedan, in use. \$275. Ext. 4240, 286-0295.

TIRES - (4) 8.00x16.5 10-ply tires & rims, ideal for spares. 924-3553 after 5:30.

72 TRIUMPH - Spitfire, elec overdrive, good cond inside and out, am/fm radio. \$1500. Gwen, 924-78969.

2 TIRES - Jetzon A70-13, used 300 mi. \$50. 734-6908. 71 CAPRI - 2000, excel cond, new steel belted radials,

70 TOYOTA COROLLA - 2-dr sedan, 59,000 mi, 4-spd, 1200 cc eng, am, new radials. \$400. Ext. 3722,

brakes & exhaust system. \$1225. Rau, Ext. 3830.

73 VEGA - GT, excel cond, std shift, p/s, 25,000 orig mi. 735-1144.

68 VW BUG - Automatic, good cond, 67,000 mi, must sell, leaving for W. Germany. Asking \$600. R. Treiber. 751-6011 eves.

73 MG MIDGET - Excel cond, burgundy, am/fm, tonneau covers, garaged. \$1900. Lorraine, Ext. 3595, 584-7050.

70 HONDA - CB 350, 2 bars, elec start, padded sissy bar, very good cond. \$525. Bob, 475-1411.

63 VW BUG - Clean, runs well, good tires. Asking \$295. Bob, 475-1411.

CHEVY ENGINE - 307 cu in, very good cond. \$250

firm. 727-0082. ENGINE & TRANSMISSION - Chevy 283 cu in, V8,

good cond. Joe Titmus, Ext. 4660, 928-7035. 75 CHEVY - Monte Carlo, ac, tape deck, excel cond.

\$3900. 878-2357.
TIRES - New, passenger car sizes, incl steel radials.

281-5563. 66 CHEVY VAN - 6 cyl, panelled & carpeted, excel

running cond. \$700 firm. Larry Arnold, Ext. 2021, 281-2136.

66 PLYMOUTH VALIANT - Engine in good cond, 2 new tires, muffler & water pump new. \$540. Ext. 3107.

69 TOYOTA - 4-dr, body sound, engine good, recently tuned, 87,000 mi. \$500. Len, Ext. 4509, 473-3305.

71 MUSTANG - Fast back, 3 spd, p/s, 351 Cleveland block, excel cond. 475-5968 eves.

69 SAAB - 4-spd, 4 cyl, good cond. \$400. 924-8011. 68 CHEVY - Old but runs. Only \$250. Wells, 878-4214 eves.

67 FORD - Falcon, 4-dr sedan, auto, rebuilt engine, new brakes & muffler. \$400. Okuno, Ext. 4261, 3071. 72 MERCEDES BENZ - 280 SE, 4.5 L, burgundy, ac,

am/fm stereo, ps/pb, excel cond. 821-0214.

73 HONDA - Trail bike CT 70, good cond. Asking \$225. 473-3938.

73 PINTO - Wagon w/roof rack, 4 cyl, std, radials. \$1800 firm. 878-4567 after 6.

#### **Boats & Marine Supplies**

SEATS - (2) boat lounge seats, open to 6'. \$25. Richie, Ext. 4254, 734-7342.

18' THOMPSON - In/outboard, rebuilt engine, new manifold, many accessories, Cox tandem trailer w/elec winch, boat & trailer A-1 cond. O. Booker, 727-5912.

12' BOAT - Aluminum. \$75. O. Booker, 727-5912.

24' SPORT FISHING - '73, 225 hp OMC, 200 hrs, depth finder, cb, outriggers, extras. \$5995. 298-4567 after 6.

17' WESTWIND - '67 fiberglass boat w/60 hp Evinrude & elec winch trailer. \$1400. 286-1215 after 4:30. OUTBOARD MOTOR - Evinrude 1½ hp, used twice, excel cond. 744-1020 eves.

14' JOHN DORY - Fiberglass skiff, Evinrude 9.9 hp, fishing seat, like new, many extras. Ext. 3120; 286-0626

32' BALTZER - Twin 125 Chrysler, 60 hrs, new transom, camper back, ideal family/fishing boat. 331-1718.

#### Miscellaneous

WASHER & DRYER - Dinette set w/buffet, dressers, bar bell set, end tables, curtains, rugs. J. Lynn, 924-

FURNITURE - Drop leaf kitchen table, \$30; youthbed, \$20; red rug, 8¼'x11¾', \$15; blue & green rug, 6'x 8¾', \$5; Martha Washington cabinet, \$30; rocking chair, \$20. Osgood, Ext. 3978, 286-2561.

TYPEWRITER - Old Remington, excel cond, \$10; (2) kids school desks, \$10 ea; child's lederhosen, size 4-6, \$10. Osgood, Ext. 3778, 286-2561.

TRACTOR - 8 hp Sears, 36" mower. \$250. 286-3377 after 6.

TRACTOR - Simplicity, 12 hp w/48" mower, good cond, \$850. 286-3377 after 6.

CB RADIO - 6 mos old, Pace 123A w/antenna specialist, mobile & base antennas, cable & power converter. \$225.727-3086 eves.

LIONEL TRAINS - Pullman, freight, specialty cars, track. 473-0763.

POOL - Above ground, round, 21'x4', all accessories, buyer must dismantle; set of encyclopedias, 25 vol, excel cond. 286-0376.

YARD SALE - Depression glass, household items. Aug 7, 9-4, 52 Hewlet Ave, East Patchague.

FM TRANSCEIVERS - (2) RCA LD series. 2-meter, 1 w/30 watt xmtr, 1 w/60 watt, complete w/all manuals, cables, control heads, etc, & 22/82 xtals and PL. All for \$50. Alan Bieber, Ext. 2924, 924-4551.

FM TRANSCEIVER - 2-meter, GE Pre-Prog 10 watt w/94 xtals, 110 vac pwr supply. \$25. Alan Bieber, Ext. 2924, 924-4551.

FREE - Kitten, gray & black tiger, female. Hans, Ext. 4581, 281-5563.

STEREO - Panasonic compact, am/fm receiver, full size turntable, w/magnetic cartridge, set of 2-way speakers, excel cond. \$100. 732-5829.

STEREO - Records, am/fm, tape deck, console, like new cond. \$100. Marie, Ext. 3857.

FREE - 4 kittens, 2 male, 2 female, one ha 7 toes. J. Sondericker, Ext. 4280.

BUFFET - Small, 50" long, 18" deep, 33" high, good cond, old-timey. Asking \$45. 281-6798.

BROCHURES & CATALOGS - For antique & old cars. Inquire. 281-6798.

RUG - Red sculptured, 10'x13', foam padding, excel cond, \$40; gold sculptured rug, 9'x10', excel cond, \$30. 281-6798.

PORTFOLIO - 1894 John L. Stoddard portfolio of photographs of "Our Country", 11 books, \$55; 1894 camera mosaics, national photography. 281-6798.

PORTFOLIO - 1893 photographs of world's fair, 7 books; 1893 John L. Stoddard, photographs of famous cities, scenes & paintings, 6 books, \$15. 281-6798.

SHOES - Mens, brand new, 9 M, \$14; new men's shirts, 15-33 brown, white, 15-34; green 15, \$3 ea. Ext. 3609.

FIXTURE - Light, \$4 w/o glass, \$5 w/glass; 2 plant hangers, \$3; fluorescent drafting table lamp, \$18. 744-5871.

TV - B/w GE, 29", \$35; 25" boys bike, Schwinn, \$25; girls bike, 25", \$25; elec hairdryer, like new, \$8; elec alarm clock, \$4; steam iron, \$4; Igloo ice box w/drink compartment, \$12. Ext. 3107.

SPRING COATS - Green-checked or melon, size 14 or 12, \$8 ea; men's jeans 34-32, blue or brown, \$5 ea. Ext. 3609, 744-5871.

LENS - Soligor T4 mount, 21 mm, F 3.8, Nikon or Classic Eyakta mount. \$65. I. Meyer, Ext. 3038, 929-4326.

RADIO - Short wave, Grundig, 10 yrs old, very little used, \$20. Osgood, Ext. 3918, 286-2561.

FURNITURE - Chairs, tables, couch, glassware. 472-

GARAGE SALE - Moving west. Sat & Sun, Aug 7 & 8, 10-5. 38 Country Greens Drive, Bellport. Osgood, Ext. 3978, 286-2561.

STORM WINDOW - Aluminum w/frame, 41"x51" inside meas, very good cond. \$15. 281-7844.

GARAGE SALE - Aug 7 & 8, 10-5, 115 Sutton Ave, E. Patchogue.

TRICYCLE - Adult 3-wheeler, Sears best, used 1 season. Orig \$200, asking \$100. Ext. 4156.

PHONO CARTRIDGE - Magnetic, Shure V15 Type II, very good cond. \$45. Hans, Ext. 4581, 281-5563.

LIVING RM SET - French Provincial couch & 2 chairs, fruitwood frame, couch & chair off-white, chair gold. Ext. 4503, 472-0035.

REFRIGERATOR - Sears Coldspot, 19 cu ft, frostless, ice maker, copper color, 5 yrs old, excel cond. \$180. 821-0275.

FURNITURE - Folding banquet table, Victorian chairs, cut glass, bricabrac. 472-0509.

DINING RM SET - Cushman 9-pc solid red maple, perfect cond. \$300. Dennis, 727-0102.

AIR CONDITIONER - Fedders, 7300 btu, used 2 seasons, reasonable; new 10", 12" elec fans, never used.

SIBERIAN HUSKY PUPS - 9 wks old, 1 silver grey, 1 black & white, females. 924-4653.

924-3066 M-F.

HEADBOARD - White wicker, double bed size, Harvard bed frame; 9x12 Karastan apple-green area rug w/pad; desk w/2 drawers; 3-spd fan; Pentron stereo tape recorder. Ron. Ext. 3395, 928-8149.

BICYCLE - 10-spd ladies Atala, excel cond. \$75. Audrey, Ext. 3489, 727-7142 after 6.

POLAROID - 440, 1 yr old, excel, \$75; Webcor tape recorder, small reel, \$30. Dennis, 727-0102.

TV - Motorola color, 21", solid state. \$225. 727-0102. NEW DRESS MIRROR - GE steam irons; pattern cutting board & skirt marker. 924-3066, M-F.

TONKA MIGHTY CRANE - \$7; child's typewriter, \$3; curling iron, Sunbeam mist stick, \$4; all excel cond. Sheila, Ext. 3031.

BEDRM SET - All wood, double bed, box spring &

mattress, headboard, 2 night tables, triple dresser w/mirror, chest of drawers. \$500. 694-6053. STEREO - Metz console, record player, am/fm, short-

wave, good cond. \$100. 694-6053.

PICNIC TABLE - Redwood w/ 4"x4" legs & 2 benches.
\$25. 694-6053.

KITCHEN SET - 36''x48'' woodgrain formica table w/12" leaf & 6 chairs. \$40. 694-6053.

FOLDING CHAIRS - (6) Steer, \$3 ea; camera tripod, \$15; artificial Xmas tree, 7', \$15; wheel barrow, \$10; Scotts rotary spreader, new, \$20. 694-6053.

LAYING HENS - (14) 3 yr old, 7-8 lbs. \$1.50 ea. R. Ince, 286-0682.

ANNALS OF AMERICA - 19 vol new set. Best offer. Ext. 4885 days & weekends.

COUCH - English style, down-filled pillow, velvet covered. \$1500 new, will sacrifice for \$1200. 472-0509.

PAINT PEELER - Elec. \$3. Mike, Ext. 4851.

FLOOR TILE - 90 sq ft asbestos, light color. \$10. Mike, Ext. 4851.

PATIO SET - 4-pc wrought iron, (1) 2-seater love seat, (3) swivel rocker arm chairs, excel cond. \$50. Audrey, Ext. 3489, 727-7142 after 6.

FURNITURE - Colonial love seat, wood frame w/removable cushions, \$50; table-lamp combination, \$35. 751-8590.

PIANO - Fischer (Knabe) parlor grand in beautiful Spanish box, good working cond for immed use. \$500. Joan, Ext. 2016, 286-0716 after 6.

STUDIO COUCH COVER - Red corduroy w/matching bolster covers, new, used only in guest room. 751-

YORKSHIRE TERRIER PUPPIES - Male, 12-wks, 1st shot, health certificate, top quality, sturdy, AKC. \$250 up. Daly, Ext. 2902, 475-2627 eves.

SILVER SERVING PIECES - Casserole, platters, pitcher, etc. Reasonable. 751-8158.

POOL TABLE - 4'x7'½', cue sticks & holder, extra balls, good cond. \$100. Don, 744-3494. RIFLE - Mauser Model 98, 7.65 bore, new bishop

stock inleted, ready for bluing, new cond. \$80. 924-3082.

WALKIE TALKIES - (2) Midland 2-channel, new cond. \$20. 924-3082.

CAR RADIO - Antique car buffs 1950 Motorola pushbutton, perfect cond. \$25. 924-3082. DOG HOUSE - 48x48x52, hatch roof, colonial sided.

\$25. 924-3082.

DINING RM TABLE - Antique oak, w/4 leaves, carved legs, center post. 924-3082.

COUCH - Red, plush velvet. Best offer. 343-9443 be tween 8-9 am.

TABLE - Mahogany dropleaf w/3 leaves; trunk; oak dining chairs; small tables. 475-0918.

WASHING MACHINE - Kenmore, copper color, portable, 3 wash cycles, seldom used. \$75. 286-2320. GAS STOVE - Full size w/self-cleaning oven & cook-

ing times, white, excel cond. \$75. 286-2320. SURFBOARD - Jacobs 9%, almost new. Cost \$200, will sell for \$100. 654-0863.

DUCK DECOYS - Wood, 50 yrs old. 924-3082.

BABY STROLLER - W/sun roof, weather protector & swivel front wheels. \$10. 929-8231.

NAVAJO CB XCEIVER - Realistic, complete, needs

some work. Ken, Ext. 4003, 4581.

TYPEWRITER - Office model, manual, excel cond.

Asking \$35. Ext. 4058, 286-0436.

STAINLESS OVEN - 1' inner by 2' outer dimensions, 1200 watt, controls to 500°F. \$60. Ext. 4058, 286-0436.

CHAIRS - (2) Swivel bar type; bird cage, dog bed, hamster cage, many other items. Marie, 289-4821.

Ads left out of this issue because of lack of space need not be re-submitted in order to run in next week's issue

#### **Real Estate**

Real Estate advertised for sale or rent is available without regard for the race, color, creed or national origin of the applicant.

#### For Rent

PATCHOGUE - 2 br downstairs apt, Ir, bath, patio, references, no pets. \$275/mo incl heat & elec, security. 475-1545.

PATCHOGUE - 1 br upstairs apt, kit, Ir, bath, references, no pets. \$225/mo incl heat & elec, security. 475-1545.

WADING RIVER - Beach front, 15 min from lab, 1 br bsmt apt, fully furnished, ac, util incl. Lease, \$250/ mo. 929-8443.

FURNISHED RM - 2 rms & priv bath, share kit, use of washer & dryer, 15 min to Lab. \$45/wk. Jack, Ext. 4255.

#### For Sale

PATCHOGUE VILLAGE - 3 br ranch, expansion attic, finished basement, most appliances, country kit, attached garage, exterior maintenance free. \$34,000. Ext. 2290, 475-7694.

SHIRLEY - 2 br, near bay, secluded. \$27,500, owner will sell at cost & assume 2nd mortgage. 281-1546.

WADING RIVER - Lovely ½ acre wooded lot, 3 br, Ig 2-car garage, full basement, kit, dr, fireplace, priv beach, washer, dryer, freezer. \$41,000. Al, 929-6940,

ROCKY POINT - Water view ranch, many extras, must sell, owner will help finance. 744-7861.

ROCKY POINT - 5 br, kit, Ir, dr, family rm, fireplace, basement, a/c, beach rights, many trees, corner lot, 0.4 acre. \$39,990. Ext. 3861, 744-5741.

CENTEREACH - 3 br ranch, eat-in kit, den, 1-car garage, workrm, ¼ acre fenced, in-ground sprinklers, appliances, a/c, super clean. Mid 30's. 698-7178.

WADING RIVER - Near Sound, fully deeded beach rights, 6 rm ranch, 2 br, bath, oil-hot water heat, fire-place, full basement, rear patio, taxes \$988/yr. Asking \$44,000. 929-6465.

MILLER PLACE NORTH - 3 br ranch, ½ acre non-development, 2 baths, family room, fireplace, land-scaped. \$53,500. 473-6020 after 6.

BELLPORT VILLAGE - 8 rm house, 5 br, kit, Ir, porch,

 $1\frac{1}{2}$  baths, dock privileges, low taxes. \$32,000.

Charlie, 234-8530.

S. SETAUKET - Attractive 3 br ranch, den/fireplace, lg Ir, eat-in-kit, basement, garage, brick patio, 3 Vil-

lage Schools. \$35,000. 751-6921.

#### Wantad

4076.

SCUBA DIVERS - Interest in Dive Club, newsletter or info exchange. Lew, Ext. 4509 or Mike, Ext. 4114.

HOME - For adorable kitten, 2 mos old. 727-4276. BIKE - Girls 20". 472-1463. CHAIR - Victorian ladies or gentlemans chair, any

cond, also old love seat. 472-1463.

HOME - For kittens, 2 black, 1 calico grey, 1 mottled.

R. Caton, Ext. 3502, 878-8968.

ALTO SAXOPHONE - Good cond. 744-5741.

BABY'S HIGH CHAIR - Reasonable. Lou, 744-2214. TENNIS PLAYER - 5th member for winter tennis season at Smithtown Racquet Club, advanced inter-

mediate. Share of cost, \$79. Larry, Ext. 3064; Kurt,

Ext. 4116; Carmen, Ext. 4135.

TIRES - (2) F78-14, in inspectable cond. John, Ext.

STEAMER TRUNK - For foot locker. T. Morris, 744-

5096. HOME - For white, blue-eyed, long hair, male, 4 mo

old kitten. Mary R. Dohrman, Ext. 4215.

TIRE - (1) G60x15 tire in good cond. Ext. 4452.

APARTMENT - 1 or 2 bedrms, unfurnished, for working couple, no children. Ext. 2874, 289-8459 after 5. HAND-MADE CRAFT ITEMS - For local craft shop, consignment. 281-0843.

HOME - For 2 white kittens used to outdoors, box trained. 929-4522.
GOOD HOMES - For 4-mo old black kittens, 1 male

& 1 female. Ext. 2874 or 289-8459 after 5:30.

Lost & Found

LOST - Dog, black & white huskie, on-site, on 8/2. Please call Ext. 3230 or 4078.

## Car Pools

Ext. 3123, 289-0532.

theses. Sharon, 286-3333.

MILLER PLACE - Driver wanted for already existing 3-person car pool. Ext. 3609.
LIE EXIT 44 - Need ride, will pay 134/mi. Ext. 2594.

Services

BABYSITTING - Part-time, in my home preferably.

DRY WELLS INSTALLED - New lines installed. Mike, 289-5704 after 5.

TUNE-UPS - Brake jobs done on your driveway. Ray,

231-7158 after 5.

VW MECHANIC - Pete, 281-0268 eves.

PARTY HELPERS - Having a party? Tired of cleaning up? Hire party helpers. Ginny, 928-0780 or Lori, 331-

LIGHT HAULING - Yards, cellars, garages cleaned. 727-1329. TYPING - By technical typist, term papers, letters,

GENERAL SEWING - Alterations & hemming, reasonable. Sharon Hoeffner, 878-2591.

CAR WAXING - Reasonable rates. Steve, Ext. 4308,